

**IN THE UNITED STATES DISTRICT COURT  
FOR THE EASTERN DISTRICT OF TEXAS  
SHERMAN DIVISION**

<b>ZT IP, LLC,</b>	)	
<b>Plaintiff,</b>	)	
	)	<b>Civil Action No. 6:22-cv-00438</b>
<b>v.</b>	)	
	)	
<b>THE MATHWORKS, INC,</b>	)	
<b>Defendant.</b>	)	
	)	<b>JURY TRIAL DEMANDED</b>
	)	

**PLAINTIFF’S ORIGINAL COMPLAINT**

Plaintiff ZT IP, LLC. (“ZT”) files this Original Complaint and demand for jury trial seeking relief from patent infringement of the claims of U.S. Patent Nos. 6,934,947 (“the ‘947 patent”) and 7,882,488 (“the ‘488 patent”) (collectively referred to as the “Patents-in-Suit”) by The MathWorks, Inc. (“Defendant” or “MathWorks”).

**I. THE PARTIES**

1. ZT IP, LLC is a Texas limited liability corporation with its principal place of business located in Austin, Texas.

2. On information and belief, The MathWorks, Inc. is a corporation organized and existing under the laws of Delaware having a regular and established place of business at 5810 Tennyson Parkway, Suite 550, Plano, Texas 75024, and authorized to do business in Texas. Defendant can be served through its registered agent, CT Corporation System located at 1999 Bryan Street, Suite 900, Dallas, Texas 75201, at its place of business, or anywhere else it may be found.

3. On information and belief, Defendant sells and offers to sell products and services throughout Texas, including in this judicial district, introduces products and services that perform infringing methods or processes into the stream of commerce knowing that they would be sold in Texas and this judicial district, and otherwise directs infringing activities to this judicial district in connection with its products and services.

## **II. JURISDICTION AND VENUE**

4. This Court has original subject-matter jurisdiction over the entire action pursuant to 28 U.S.C. §§ 1331 and 1338(a) because Plaintiff's claim arises under an Act of Congress relating to patents, namely, 35 U.S.C. § 271.

5. This Court has personal jurisdiction over Defendant because: (i) Defendant is present within or has minimum contacts within the State of Texas and this judicial district; (ii) Defendant has purposefully availed itself of the privileges of conducting business in the State of Texas and in this judicial district; and (iii) Plaintiff's cause of action arises directly from Defendant's business contacts and other activities in the State of Texas and in this judicial district.

6. Venue is proper in this district under 28 U.S.C. §§ 1391(b) and 1400(b). Defendant has committed acts of infringement and has a regular and established place of business in this District. Further, venue is proper because Defendant conducts substantial business in this forum, directly or through intermediaries, including: (i) at least a portion of the infringements alleged herein; and (ii) regularly doing or soliciting business, engaging in other persistent courses of conduct and/or deriving substantial revenue from goods and services provided to individuals in Texas and this District.

## **III. INFRINGEMENT**

### **A. Infringement of the ‘947 Patent**

7. On August 23, 2005, U.S. Patent No. 6,934,947 (“the ‘947 patent”, included as an attachment) entitled “Visual Tool for Developing Real Time Task Management Code” was duly and legally issued by the U.S. Patent and Trademark Office. Plaintiff owns the ‘947 patent by assignment.

8. The ‘947 patent relates to novel and improved methods for developing a real time task management system.

9. Defendant maintained, operated, and administered systems, products, and services that facilitate developing real time task management system that infringed one or more of claims 1-9 of the ‘947 patent, literally or under the doctrine of equivalents. Defendant put the inventions claimed by the ‘947 patent into service (i.e., used them); but for Defendant’s actions, the claimed-inventions embodiments involving Defendant’s products and services would never have been put into service. Defendant’s acts complained of herein caused those claimed-invention embodiments as a whole to perform, and Defendant’s procurement of monetary and commercial benefit from it.

10. Support for the allegations of infringement may be found in the following exemplary table included as Exhibit A. These allegations of infringement are preliminary and are therefore subject to change.

11. Defendant has caused Plaintiff damage by direct infringement of the claims of the ‘947 patent.<sup>1</sup>

### **B. Infringement of the ‘488 Patent**

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<sup>1</sup> Plaintiff reserves the right to amend, including, but not limited to, asserting claims for indirect and/or willful infringement, if discovery reveals an earlier date of knowledge.

12. On February 1, 2011, U.S. Patent No. 7,882,488 (“the ‘488 patent”, included as an attachment) entitled “Software Tool For Synthesizing A Real-Time Operating System” was duly and legally issued by the U.S. Patent and Trademark Office. Plaintiff owns the ‘488 patent by assignment.

13. The ‘488 patent relates to novel and improved systems, methods, and apparatuses for developing a real time operating system.

14. Defendant maintains, operates, and administers systems, products, and services that facilitate developing real time operating system that infringes one or more of claims 1-24 of the ‘488 patent, literally or under the doctrine of equivalents. Defendant put the inventions claimed by the ‘488 patent into service (i.e., used them); but for Defendant’s actions, the claimed-inventions embodiments involving Defendant’s products and services would never have been put into service. Defendant’s acts complained of herein caused those claimed-invention embodiments as a whole to perform, and Defendant’s procurement of monetary and commercial benefit from it.

15. Support for the allegations of infringement may be found in the following exemplary table included as Exhibit B. These allegations of infringement are preliminary and are therefore subject to change.

16. Defendant has and continues to induce infringement. Defendant has actively encouraged or instructed others (e.g., its customers and/or the customers of its related companies), and continues to do so, on how to use its systems, products and services (e.g., facilitating the development of real time operating system) such as to cause infringement of one or more of claims 1-24 of the ‘488 patent, literally or under the doctrine of equivalents. Moreover, Defendant has

known of the '488 patent and the technology underlying it from at least the filing date of the lawsuit.<sup>2</sup> For clarity, direct infringement is previously alleged in this complaint.

17. Defendant has and continues to contributorily infringe. Defendant has actively encouraged or instructed others (e.g., its customers and/or the customers of its related companies), and continue to do so, on how to use its products and services (e.g., facilitating the development of real time operating system) and related services such as to cause infringement of one or more of claims 1-24 of the '488 patent, literally or under the doctrine of equivalents. Further, there are no substantial noninfringing uses for Defendant's products and services. Moreover, Defendant has known of the '488 patent and the technology underlying it from at least the filing date of the lawsuit.<sup>3</sup> For clarity, direct infringement is previously alleged in this complaint.

18. Defendant has caused and will continue to cause Plaintiff damage by direct and indirect infringement of (including inducing infringement of) the claims of the '488 patent.

#### **IV. JURY DEMAND**

Plaintiff hereby requests a trial by jury on issues so triable by right.

#### **V. PRAYER FOR RELIEF**

WHEREFORE, Plaintiff prays for relief as follows:

- a. enter judgment that Defendant has infringed the claims of the '947 patent and the '488 patent;
- b. award Plaintiff damages in an amount sufficient to compensate it for Defendant's infringement, in an amount no less than a reasonable royalty or lost profits, together with pre-judgment and post-judgment interest and costs under 35 U.S.C. § 284;

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<sup>2</sup> Plaintiff reserves the right to amend if discovery reveals an earlier date of knowledge.

<sup>3</sup> Plaintiff reserves the right to amend if discovery reveals an earlier date of knowledge.

- c. award Plaintiff an accounting for acts of infringement not presented at trial and an award by the Court of additional damage for any such acts of infringement;
- d. declare this case to be “exceptional” under 35 U.S.C. § 285 and award Plaintiff its attorneys’ fees, expenses, and costs incurred in this action;
- e. declare Defendant’s infringement to be willful and treble the damages, including attorneys’ fees, expenses, and costs incurred in this action and an increase in the damage award pursuant to 35 U.S.C. § 284;
- f. a decree addressing future infringement that either (i) awards a permanent injunction enjoining Defendant and its agents, servants, employees, affiliates, divisions, and subsidiaries, and those in association with Defendant from infringing the claims of the Patents-in-Suit, or (ii) awards damages for future infringement in lieu of an injunction in an amount consistent with the fact that for future infringement the Defendants will be an adjudicated infringer of a valid patent, and trebles that amount in view of the fact that the future infringement will be willful as a matter of law; and,
- g. award Plaintiff such other and further relief as this Court deems just and proper.

DATED: April 29, 2022

Respectfully submitted,

**Ramey LLP**

A handwritten signature in black ink, appearing to read 'WPR', with a large, loopy flourish underneath.

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